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A tilt adjustable steering column assembly for
                                                an elongated jacket tubular member having a
               an automotive vehicle, comprising:
WHAT IS CLAIMED IS:
                                                              a fixed bracket placed at a predetermined
                          tilt rotation axle at one end thereof;
                                    middle position of the jacket tubular member and
                                       midale position or the portion that is engaged with a having an engagement portion
                                              naving an engagement portion the jacket tubular member;
tilt input axle mounted on the jacket tubular member;
                                                          awle rotatably supported on the fixed bracket and
                                                              axle rotatably supports the tilt input axle of the jacket
                                                                                                        tubular member on one arm thereof; and
                                                                                an actuator naving a rou portion to operative an actuate another arm of the bell crank are actuate arm of the services are actuate another arm of the services are actuate another arm of the services are actuate another arm of the services are actuated as a service actuated actuated actuated as a service actuated 
                                                                                    actuate another the bell crank lever, the fixed moved to pivot the bell crank lever.
                                                                                          bracket supporting the rotation center axle of the
                                                                                               pracket supporting the rotation center axie bell crank lever to enable the rotation center to bell crank lever to enable the content to the c
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                                                                                                     Dell crank lever to enable the swing with respect to swing of the bell crank lever of the
                                                                                                         or the pell crank lever to swing with respect to fixed or the bracket and the engagement portion of the fixed
                                                                                                               the bracket being formed in an elongated hole; the
                                                                                                                      elongated hole being formed to coincide with a
                                                                                                                          elongared note pelng formed to colncide with the tilt input axle about the pivotal orbit of the pivotal orbit.
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                                                                                                                               plyular of the jacket tubular member.
                                                                                                                                                                           A tilt adjustable steering column assembly for
                                                                                                                                                 an automotive vehicle as claimed in claim 1. Firston
                                                                                                                                                      an automortive venicle steering column assembly further the tilt adjustable steering rich internoced hetmos the tilt according to a contract the tilt and according to the tilt and according to the tilt and according to the tilt according to t
                                                                                                                                                           the tilt adjustable steering column assembly rur the comprises an eccentric bush not comprises an eccentric
                                                                                                                                                                 Comprises an eccentric out the bell crank lever and rotation rotation
                                                                                                                                                                      LULALLUN CENTER AXIE OF the pell crank lever and bell the pell crank lever axie of the bell the rotation center axie of the fixed bracket,
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crank lever being enabled to swing with respect to the fixed bracket via the eccentric bush.

3. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 2, wherein a predetermined eccentric distance is provided between a rotation center axis of the eccentric bush and a center of the rotation center axle of the bell crank lever.

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- 4. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 3, wherein a curvature of a center line in an elongated direction of the elongated hole is made coincident with a curvature of the pivotal orbit of the tilt input axle.
- 5. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 3, wherein the predetermined eccentric distance is a distance provided for a compensation for an error distance (U) between a rotation orbit of the tilt input axle, with an axial distance between the center of the rotation center axle of the bell crank lever and the tilt input axle as a radius of curvature, and the center line of the elongated hole.
- A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 5, wherein
 a guide member is attached around the elongated hole.
 - 7. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 4, wherein

the jacket tubular member has the other end thereof opposite to the one end thereof to attach a steering wheel of the vehicle.

- 5 8. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 2, wherein the elongated hole is of a substantially ellipse shape.
- 10 9. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 2, wherein the fixed bracket is fixed onto a vehicle body, the tilt rotation center axle of the jacket tubular member is rotatably supported on a vehicular body
 15 forward bracket fixed onto the vehicle body via a first auxiliary bracket, and a second auxiliary bracket is interposed between the one arm of the bell crank lever and the jacket tubular member.
- 20 10. A tilt adjustable steering column assembly for an automotive vehicle as claimed in claim 9, wherein a first turning pair point (D) is provided between the rotation center (S) of the eccentric bush and the fixed bracket (8) and, a second turning pair point (C) is provided between the eccentric bush and 25 rotation center axle of the bell crank lever, a third turning pair point (A) is provided between the tilt input axle and the one end of the bell crank lever, a fourth turning pair point (B) is provided between the tilt rotation center axle and the vehicular body 30 forward bracket, a fifth turning pair point (E) is provided between the other arm of the bell crank lever and the rod portion of the actuator, and a

sixth turning pair point (F) is provided between a main body portion of the actuator and the jacket tubular member and wherein, when a distance between the fifth turning pair point (E) and the sixth turning pair point (F) and the sixth turning pair point (F) is varied by means of the actuator, the second turning pair point (C) is pivoted about the first turning pair point (D) and, simultaneously, the third turning pair point (A) is pivoted about the fourth turning pair point (B) with the second turning pair point (C) as a fulcrum so as to tilt the steering wheel in a vertical direction thereof.